

Work Order ID 141224

141224

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February 01, 2016 2:49:21 PM

Item ID: D209-669-013 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates
 Start Date: 2/1/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 3/14/2016 Req'd Qty: 1.00 *1* Customer:

Reference:

Approvals: Process Plan: SL Date: 20160203 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D209-669-013	Rev B (DEO) <u>SL</u>
DSI 9450	Rev A

100	Document Control	0.00	DAS 6 9-89					MCS 1603-08	
100	DOCUMENT CONTROL								
DC	Memo	0.00			DAS 31 9-89	1		16/24/03	
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP d209-669-013 CHG004								

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

MAR 07 2016

DAS DAS
6 27
9-89 9-89

B141666

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Work Order ID 141224

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Item ID: D209-669-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates
 Start Date: 2/1/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 3/14/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD209-669-013 Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

1 2 16/03/24

DAS
27
9-89

MAR 24 2016

MCS MAR 29 2016

MCS MAR 29 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Work Order ID: 141224

141224

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: New IPP 08.02.13 LL, verified by:DD
IPP Rev:B 08-05-20 chg QTY of D2570 DD verified by: IPP REV:C
12.06.07 ECN 12-599 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D209-669-043 Manufactured No

D209-669-043

AH-1F/P/S Replacement Skidtube with Standard Wearplates, Fits LH or RH

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	4	
39205	2	
39206	2	

D2917-1 DAS 31 9-89 Manufactured No

D2917-1

Saddle LH

D2918-1 Manufactured No

D2918-1

Saddle LH

DAS
31
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	3	
84938	3	

DAS
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6
9-89

DAS
27
6
9-89

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Page 2

Work Order ID: 141224

141224

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-51A

Purchased

No

110

Each

157.0000

8

8

AN4-51A

Bolt

DAS
6
9-89

1-8
3-89

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	5	
122993	5	
over004	50	
m133769	50	
ST340	102	
m132536	1	
m133077	1	
m133316	100	

D2570

Manufactured

No

110

Each

459.0000

24

24

D2570

Bushing

DAS
6
9-89

1-8
2-89

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	12	
88781	12	
FP001	89	
133432	3	
137172	86	
ST008	57	
136511	9	
138272	48	
ST012a	301	
138273	200	
138946	101	

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Shop Packet Print

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Work Order ID: 141224

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Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

3,332.000

24

24

MS21042L 4

Locknut

DAS
31
9-89

Location

Loc Qty

Loc Code

FP001

41

m133363

41

GA

26

m127813

26

ST007

1500

m134055

1500

ST303

1668

m133769

1668

ST305

97

m130922

97

AN5-36A

Purchased

No

110

Each

131.0000

4

4

AN5-36A

Bolt

DAS
31
9-89

Location

Loc Qty

Loc Code

over004

50

M134134

50

ST299A

1

M131957

1

ST336

78

M130466

15

M133990

63

ST399a

2

M133577

2

DAS
6
9-89

DAS
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DAS
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DAS
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Work Order ID: 141224

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Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0563J

Purchased

No

110

Each

1,350.000

8

8

NAS1149D0563.J

Washer

DAS
31
9-89

Location

Loc Qty

Loc Code

GA	53	
m125807	53	
ST260a	900	
m133769	400	
m133990	500	
ST263	294	
m133363	94	
m133938	200	
ST269	103	
m128257	103	

DAS
6
9-89

MS21042L5

Purchased

No

110

Each

672.0000

4

4

MS21042L5

Nut

DAS
31
9-89

Location

Loc Qty

Loc Code

GA	146	
m127813	146	
ST007	400	
m134055	400	
ST303	126	
m133577	26	
m133790	100	

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Work Order ID: 141224

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Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-7A Purchased No 110 Each 137.0000 16 16

AN4-7A

Bolt

DAS
31
9-89

Location	Loc Qty	Loc Code
over003	100	
m133790	100	
ST325	37	
m131320	37	

16

DAS
6
9-89

NAS1149D0463J Purchased No 110 Each 5,319.000 32 32

NAS1149D0463.J

WASHER

DAS
31
9-89

Location	Loc Qty	Loc Code
GA	397	
M129390	41	
M132035	356	
ST260a	2000	
M134039	2000	
ST263	1573	
M134039	1573	
ST269	1349	
M130799	361	
M132317	100	
M132677	888	

32

DAS
6
9-89

D2929 Manufactured No 110 Each 77.0000 2 2

D2929

Spacer

DAS
31
9-89

Location	Loc Qty	Loc Code
Mezz	77	
53564	33	
84944	44	

2

DAS
6
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Work Order ID: 141224

141224

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

D2930

Manufactured No

110

Each

28.0000

2

2

D2930

Spacer

DAS
31
9-89

Location

Loc Qty

Loc Code

Mezz

28

53563

28

D3405-041

Manufactured No

110

Each

15.0000

1

1

D3405-041

Ground Handling Lug

DAS
31
9-89

Location

Loc Qty

Loc Code

st529

15

119182

7

136519

8

AN4C47A

Purchased No

110

Each

28.0000

4

4

AN4C47A

Bolt

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

10

122491

10

ST341

18

m132879

6

~~m134050~~

12

DAS
27
9-89
DAS
6
9-89

MAR 07 2016

MAR 23 2016

DAS
27
9-89

DAS
27
9-89
DAS
6
9-89

MAR 07 2016

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Work Order ID: 141224

141224

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

110

Each

1,034.000

5

5

MS21043-4

Nut

DAS
6
9-89

DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	40	
104603	40	
GA	262	
m132803	262	
ST302	10	
m133316	10	
ST32	722	
m133769	722	

D3405-043

Manufactured

No

110

Each

14.0000

1

1

D3405-043

Ground Handling Lug

141505

DAS
6
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

st529	14	
119183	8	
135468	3	
137180	3	

D3407-041

Manufactured

No

110

Each

19.0000

1

1

D3407-041

Tow Ring

DAS
31
9-89

Location

Loc Qty

Loc Code

st530	19	
134755	4	
137097	15	

DAS
6
9-89

Picklist Print

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Work Order ID: 141224

141224

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Manufactured No

110 Each

125.0000

1 1

D3456-1

Washer

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	7	
25701	7	
ST038	118	
136922	43	
140756	75	

**

DAS
6
9-89

D3417-5

Manufactured No

110 Each

81.0000

2 2

D3417-5

Washer

DAS
31
9-89

Location

Loc Qty

Loc Code

ST035	81	
136618	3	
138368	78	

**

DAS
6
9-89

MAR 07 2016

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B

INSTRUCTIONS:

- 1) FOR D209-669-011/-012/-013/-014 SKID TUBES @ CHANGE 003 AND SUBSEQUENT, MODIFY THE FOLLOWING:
- a) REPLACE THE D2968-041 TOW RING WITH THE D3407-041 TOW RING ASSEMBLY.
 - b) REPLACE THE D2736-1 AND D2736-3 GHW LUGS WITH THE D3405-041 AND D3405-043 LUG ASSEMBLIES.
 - c) AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B AS SHOWN ON PAGE 2 OF THIS DSI.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED. SEE THE AMENDED PARTS LIST ON PAGE 2 FOR DETAILS.

20160203

SA 141224

A	NEW ISSUE	AJS	09.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24		

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5.0 PARTS LIST

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO.
MFG. APPR.	N/A	DSI 9450
APPROVED		TITLE
DE APPR.		SKIDTUBE INSTALLATIONS
DATE	09.02.24	

REV. A
SHEET 2 OF 3

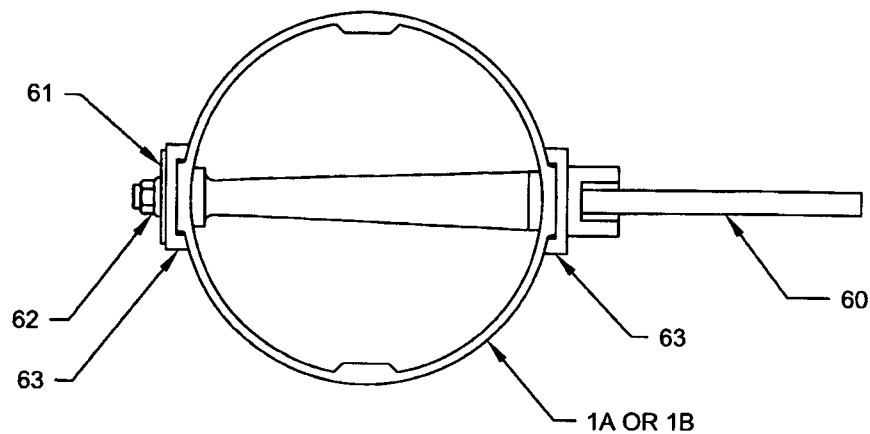
SCALE
NTS

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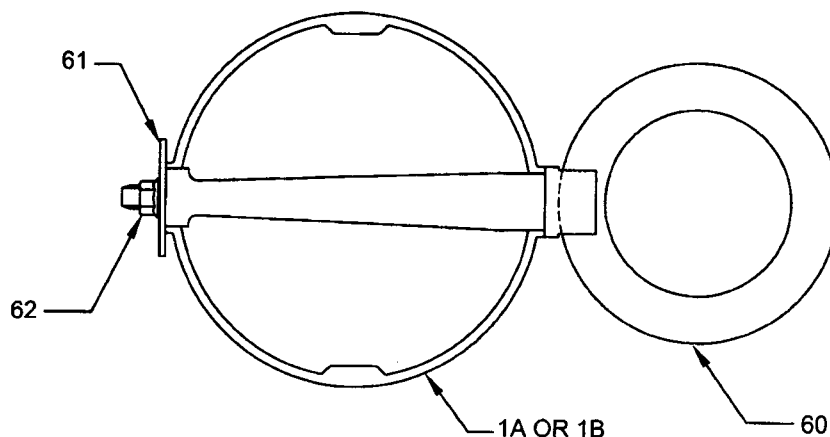
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INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO SECTION F-F OF IIN-D209-669 REV. B.

IS:



WAS:



NO PICTORIAL CHANGE REQUIRED FOR GROUND HANDLING WHEEL LUG CHANGES.

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

Work Order ID 141224

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Page 1

Item ID: D209-669-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 3/14/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: SL Date: 20160203 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D209-669-013	Rev B (DEO)
DSI 9450	Rev A

100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP d209-669-013 CHG004								

MCS MAR 08 2016

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

MAR 07 2016

CHG
5-20

REFERENCE ONLY

DAS
31
9-89**4.0 WEIGHT AND BALANCE**

The following weight and balance information is for the replacement Dart parts. The weight and balance of the skidtubes that are being removed from the aircraft is the responsibility of the installer.

Installation	Weight	LONGITUDINAL	
		Arm	Moment
D209-669-011/-012	49.6 lb	170.4 in	8452 in lb
SKIDTUBE INSTALLATION	22.5 kg	4.33 m	97.4 m kg
D209-669-013/-014	43.8 lb	176.5 in	7731 in lb
SKIDTUBE INSTALLATION	19.9 kg	4.48 m	89.2 m kg

5.0 PARTS LIST

Item	Qty -011	Qty -012	Qty -013	Qty -014	Qty -041	Qty -043	Part Number	Description
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)
1A					1		D2906-041	SKIDTUBE ASSEMBLY
1B						1	D2906-043	SKIDTUBE ASSEMBLY
2	1		2				D2917-1	OUTER SADDLE (FWD, LH)
3		1		2			D2917-2	OUTER SADDLE (FWD, RH)
4	1		2				D2918-1	INNER SADDLE (FWD, LH)
5		1		2			D2918-2	INNER SADDLE (FWD, RH)
6	1						D2919-1	OUTER SADDLE (AFT, LH)
7		1					D2919-2	OUTER SADDLE (AFT, RH)
8	1						D2920-1	INNER SADDLE (AFT, LH)
9		1					D2920-2	INNER SADDLE (AFT, RH)
10	8	8	8	8			AN4-51A	BOLT
11	16	16	16	16			D2570	BUSHINGS
12	8	8	8	8			MS21042L4	NUT (OR MS21042-4)
13	2	2	4	4			AN5-36A	BOLT
14	2	2					AN5-41A	BOLT
15	8	8	8	8			AN960JD516	WASHER
16	4	4	4	4			MS21042L5	NUT (OR MS21042-5)
17	16	16	16	16			AN4-7A	BOLT
18	32	32	32	32			AN960JD416	WASHER
19	16	16	16	16			MS21042L4	NUT (OR MS21042-4)

CONTINUED ON NEXT PAGE

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CONTINUED FROM PREVIOUS PAGE

20	2	2	2	2			D2929	SPACER
21	2	2	2	2			D2930	SPACER
*30A					1	1	D3564-9	WEARSHOE (REPLACES D2577-1)
*30B					1	1	D3566-1	GASKET
*31A					1		D3564-15	WEARSHOE (REPLACES 18" D2577-5)
*31B					1		D3566-15	GASKET
*32A					1	1	D3564-11	WEARSHOE (REPLACES D2577-3)
*32B					1	1	D3566-1	GASKET
*33A					1	1	D3564-5	WEARSHOE (REPLACES D2577-5)
*33B					1	1	D3566-5	GASKET
*34					50	44	AN3C4A	BOLT (REPLACES AN3-4A)
*35					50	44	AN960C10L	WASHER (REPLACES AN960JD10L)
*36					50	44	AKS7-1032-130	INSERT (OR ALS7-1032-130, OR ALS4-1032-130, OR AKS4-1032-130)
*37					12	14	D2594-1	PLUG
*38					12	14	D2594-3	O-RING
*40					2	2	D2855	AFT CAP
*41					4	4	AN3-5A	BOLT
*42					4	4	AN960JD10L	WASHER
*43					4	4	AKS7-1032-225	INSERT (OR ALS7-1032-225, OR ALS4-1032-225, OR AKS4-1032-225)
50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	LUG ASSEMBLY
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

* DENOTES THAT PART IS INCLUDED WITH D2906-041/-043 SKIDTUBE ASSEMBLY

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Revision: B

Date: 07.09.23

5.0 PARTS LIST

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
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